

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME                    CONCRETE PATCHER RTU  
 UPC NUMBER                    7079810424, 7079810426  
 PRODUCT USE/CLASS            . Concrete Repair  
  
 MANUFACTURER.                    24 HOUR EMERGENCY.  
     DAP INC.                    TRANSPORTATION    1-800-535-5053 (352-323-3500)  
     2400 BOSTON STREET            MEDICAL            1-800-327-3874 (513-558-5111)  
     BALTIMORE, MD 21224  
  
 PREPARE DATE    06/19/1996      GENERAL INFORMATION.  
 REVISION NO.    8                    DAP INC    1-888-DAP-TIPS (1-888-327-8477)  
 REVISION DATE   01/25/2000

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
01	Calcium Carbonate	1317-65-3	1.0-5.0 %
02	Crystalline Silica	14808-60-7	45 0-50 0 %
03	Hydrous aluminum silicate	1332-58-7	1 0-5.0 %

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	10 mg/m3	N E	15 mg/m3	N E.	N.E	NO
02	0.1 mg/m3	N.E.	0 1 mg/m3	N E.	N E	NO
03	N.E	N E	N E.	N E	N.E	NO

(See Section 16 for abbreviation legend), \* - TLV-Ceiling Value

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000), limits may vary between states.

## SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW    CAUTION! Prolonged or repeated contact with skin may  
 cause irritation    May irritate eyes, skin, nose, and respiratory tract

(Continued on Page 2)

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS.

EFFECTS OF OVEREXPOSURE - EYE CONTACT. May cause eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT. May cause skin irritation

EFFECTS OF OVEREXPOSURE - INHALATION. Inhalation may affect the brain or nervous system causing dizziness, headache, or nausea

EFFECTS OF OVEREXPOSURE - INGESTION. If swallowed may cause vomiting, diarrhea, and depressed respiration

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS. Prolonged or repeated contact with skin may result in skin irritation

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT None known

PRIMARY ROUTE(S) OF ENTRY SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

EYE CONTACT. Flush with large quantities of water until irritation subsides. Contact a physician

SKIN CONTACT Wash with soap and water.

INHALATION Remove to fresh air Contact a physician immediately

INGESTION DO NOT INDUCE VOMITING Contact a physician or Regional Poison Control Center immediately

COMMENTS- None

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT >200 F  
(SETAFLASH CLOSED CUP)

LOWER EXPLOSIVE LIMIT: N A  
UPPER EXPLOSIVE LIMIT: N.A

AUTOIGNITION TEMPERATURE N.E.

EXTINGUISHING MEDIA CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS None known

(Continued on Page 3)

SECTION 5 - FIRE FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to cool exposed surfaces

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Scrape up dried material and place into containers.

SECTION 7 - HANDLING AND STORAGE

HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN Avoid prolonged or repeated contact with skin. Avoid contact with eyes.

STORAGE INFORMATION Store away from caustics and oxidizers Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 degrees F

OTHER PRECAUTIONS Use in a well ventilated area. Provide fresh air such that chemical odors cannot be detected during use and while drying

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS Good mechanical ventilation and local exhaust

RESPIRATORY PROTECTION. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use Not required under normal usage and adequate ventilation.

EYE PROTECTION Safety glasses with side shields recommended

SKIN PROTECTION: Gloves recommended for repeated or prolonged contact with skin

OTHER PROTECTIVE EQUIPMENT None

HYGIENIC PRACTICES Although this product is not considered an eye irritant, inhalation hazard, or a skin contact hazard under normal conditions, it is advisable that personnel minimize skin contact, inhalation of vapors, and eye contact Wash contaminated clothing before reuse

(Continued on Page 4)

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	210 - 220 F	VAPOR DENSITY	Is heavier than air
ODOR	Little or none		
APPEARANCE	Gray paste	EVAPORATION RATE:	Is slower than Butyl
SOLUBILITY IN H2O	Soluble		Acetate
SPECIFIC GRAVITY	1.895		
VAPOR PRESSURE	17.5 mm Hg @ 68F		
PHYSICAL STATE	Paste		

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID Excessive heat and freezing

INCOMPATIBILITY Strong oxidizers and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i e COx, NOx

HAZARDOUS POLYMERIZATION. Will not occur under normal conditions.

STABILITY This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No Information

SECTION 12 - ECOLOGICAL INFORMATION

No Information

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL Dispose of according to Federal, State, and Local Standards. Do not reuse empty containers Discarded material should be incinerated at a permitted facility State and Local regulations/restrictions are complex and may differ from Federal regulations Responsibility for proper waste disposal is with the owner of the waste

EPA WASTE CODE - If discarded (40 CFR 261) None

(Continued on Page 5)

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by D.O.T.

DOT HAZARD CLASS NONE

DOT UN/NA NUMBER NONE PACKING GROUP NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

CHEMICAL NAME	CAS NUMBER	WT/WT % RANGE
No Sara Section 313 Title III are to be reported in this product		

TOXIC SUBSTANCES CONTROL ACT

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

CHEMICAL NAME	CAS NUMBER
No information is available	

NEW JERSEY RIGHT-TO-KNOW.

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Water	7732-18-5
Acrylic polymer	25067-01-0

PENNSYLVANIA RIGHT-TO-KNOW.

The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
Water	7732-18-5
Acrylic polymer	25067-01-0

(Continued on Page 6)

SECTION 15 - REGULATORY INFORMATION

INTERNATIONAL REGULATIONS AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 01/04/2000

REASON FOR REVISION:

SECTION 2: Update of ingredient disclosure.

SECTION 15: Update of RTK information

VOC less water, less exempt solvent: 20-25 g/L(1-2 weight%)

VOC material : 15-20 g/L

LEGEND: ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
N.A. - NOT APPLICABLE  
N.E. - NOT ESTABLISHED  
PEL - PERMISSIBLE EXPOSURE LIMIT  
NTP - NATIONAL TOXICOLOGY PROGRAM  
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986  
STEL - SHORT TERM EXPOSURE LIMIT  
TLV - THRESHOLD LIMIT VALUE(8 HR. TIME WEIGHTED AVERAGE OR TWA)  
VOC - VOLATILE ORGANIC COMPOUND  
NJRTK - NEW JERSEY RIGHT TO KNOW LAW  
N.D. - NOT DETERMINED

MSDS# 71114

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in specific context of the intended use and determine if they are appropriate.

< End OF MSDS >